09/926,240

Connecting via Winsock to STN

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LOGINID:SSSPTA1204RXW

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	May 12	EXTEND option available in structure searching
NEWS	4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS	6	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02	CAplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	17	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	18	SEP 01	INPADOC: New family current-awareness alert (SDI) available
NEWS	19	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	20	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX

NEWS	EXPRESS	JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS	HOURS	STN Operating Hours Plus Help Desk Availability
NEWS	INTER	General Internet Information
NEWS	LOGIN	Welcome Banner and News Items
NEWS	PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS	WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 17:56:50 ON 03 SEP 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:57:01 ON 03 SEP 2004

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 2 SEP 2004 HIGHEST RN 737922-52-0
DICTIONARY FILE UPDATES: 2 SEP 2004 HIGHEST RN 737922-52-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

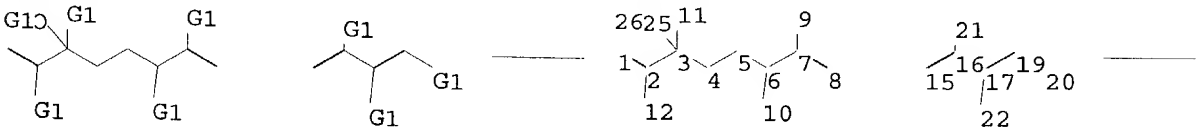
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Program Files\Stnexp\Queries\926240b.str



chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 15 16 17 19 20 21 22 25 26
chain bonds :
1-2 2-3 2-12 3-4 3-11 3-25 4-5 5-6 6-7 6-10 7-8 7-9 15-16 16-17 16-21
17-19 17-22 19-20 25-26
exact/norm bonds :
2-12 3-11 3-25 6-10 7-9 16-21 17-22 19-20 25-26
exact bonds :
1-2 2-3 3-4 4-5 5-6 6-7 7-8 15-16 16-17 17-19

G1:C,H

09/926,240

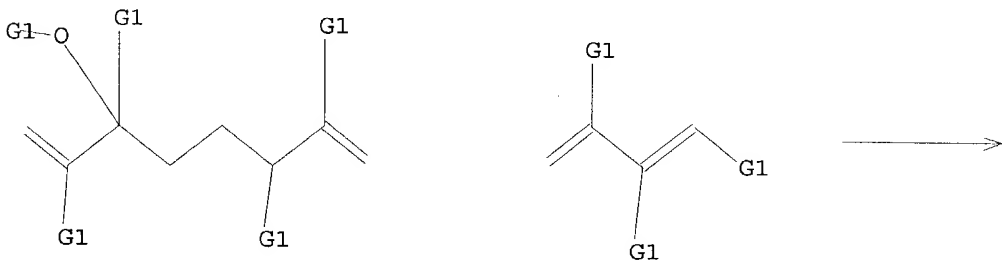
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 15:CLASS 16:CLASS 17:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 25:CLASS 26:CLASS
fragments assigned reactant/reagent role:
containing 1
containing 15

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d
L2 HAS NO ANSWERS
L1 STR



G1 C,H

Structure attributes must be viewed using STN Express query preparation.
L2 QUE L1

=> file reaction
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	0.63

FILE 'CASREACT' ENTERED AT 17:57:23 ON 03 SEP 2004
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FILE 'PS' ENTERED AT 17:57:23 ON 03 SEP 2004
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=> s l2
SAMPLE SEARCH INITIATED 17:57:29 FILE 'CASREACT'
SCREENING COMPLETE - 3090 REACTIONS TO VERIFY FROM 188 DOCUMENTS

100.0% DONE 3090 VERIFIED 139 HIT RXNS 3 DOCS

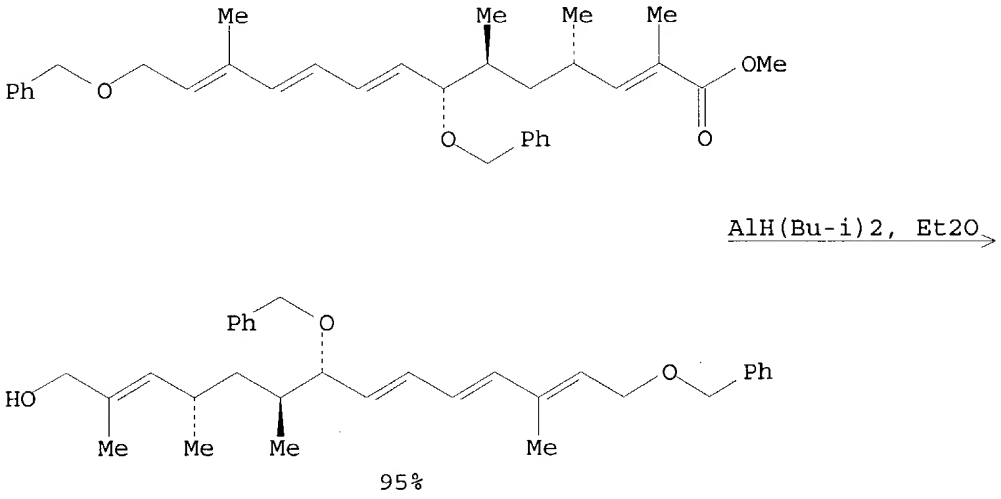
09/926,240

```
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED VERIFICATIONS:     58478 TO    65122
PROJECTED ANSWERS:               3 TO      163

SAMPLE SEARCH INITIATED 17:57:30 FILE 'CHEMINFORMRX'
SCREENING COMPLETE -    217 REACTIONS TO VERIFY FROM     63 DOCUMENTS

100.0% DONE    217 VERIFIED       0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.06

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED VERIFICATIONS:      3458 TO     5222
PROJECTED ANSWERS:               0 TO        0

FULL SEARCH INITIATED 17:57:37 FILE 'DJSMONLINE'
SCREENING COMPLETE -    189 REACTIONS TO VERIFY FROM    172 DOCUMENTS

100.0% DONE    189 VERIFIED       1 HIT RXNS                    1 DOCS
SEARCH TIME: 00.00.11

   3 FILES SEARCHED...
FULL SEARCH INITIATED 17:57:49 FILE 'PS'
SCREENING COMPLETE -      2 REACTIONS TO VERIFY FROM      2 DOCUMENTS

100.0% DONE      2 VERIFIED       0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.01

L3           4 L2

=> s l2 ful
FULL SEARCH INITIATED 17:57:56 FILE 'CASREACT'
SCREENING COMPLETE -  63564 REACTIONS TO VERIFY FROM   4035 DOCUMENTS

100.0% DONE  63564 VERIFIED     743 HIT RXNS                   44 DOCS
SEARCH TIME: 00.00.04

FULL SEARCH INITIATED 17:58:00 FILE 'CHEMINFORMRX'
SCREENING COMPLETE -   3843 REACTIONS TO VERIFY FROM   1262 DOCUMENTS

100.0% DONE   3843 VERIFIED      12 HIT RXNS                    8 DOCS
SEARCH TIME: 00.00.26

   2 FILES SEARCHED...
FULL SEARCH INITIATED 17:58:27 FILE 'DJSMONLINE'
SCREENING COMPLETE -    189 REACTIONS TO VERIFY FROM    172 DOCUMENTS

100.0% DONE    189 VERIFIED       1 HIT RXNS                    1 DOCS
SEARCH TIME: 00.00.04

FULL SEARCH INITIATED 17:58:32 FILE 'PS'
SCREENING COMPLETE -      2 REACTIONS TO VERIFY FROM      2 DOCUMENTS

100.0% DONE      2 VERIFIED       0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.01

L4          53 L2

=> d scan
```

L4 53 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Stereoselective synthesis of a nonracemic hydronaphthalene subunit of kijanolide

RX(13) OF 190



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

```
=> s l2 ful css
FULL SEARCH INITIATED 17:59:16 FILE 'CASREACT'
SCREENING COMPLETE -  63564 REACTIONS TO VERIFY FROM   4035 DOCUMENTS

100.0% DONE  63564 VERIFIED       0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.04

FULL SEARCH INITIATED 17:59:22 FILE 'CHEMINFORMRX'
SCREENING COMPLETE -   3843 REACTIONS TO VERIFY FROM   1262 DOCUMENTS

100.0% DONE   3843 VERIFIED       0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.10

   2 FILES SEARCHED...
FULL SEARCH INITIATED 17:59:33 FILE 'DJSMONLINE'
SCREENING COMPLETE -    189 REACTIONS TO VERIFY FROM    172 DOCUMENTS

100.0% DONE    189 VERIFIED       0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.03

FULL SEARCH INITIATED 17:59:37 FILE 'PS'
SCREENING COMPLETE -      2 REACTIONS TO VERIFY FROM      2 DOCUMENTS

100.0% DONE      2 VERIFIED       0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.01

L5           0 L2

=> file reg
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              576.67     577.30
```

FILE 'REGISTRY' ENTERED AT 18:00:51 ON 03 SEP 2004

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 SEP 2004 HIGHEST RN 737922-52-0
DICTIONARY FILE UPDATES: 2 SEP 2004 HIGHEST RN 737922-52-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

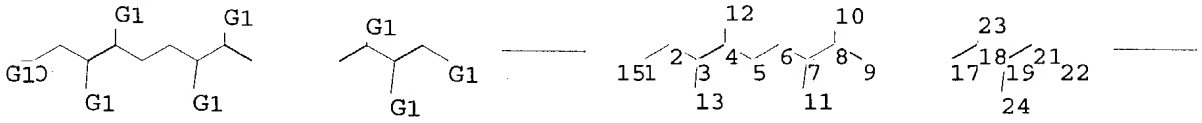
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Program Files\Stnexp\Queries\926240a.str



chain nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 15 17 18 19 21 22 23 24
chain bonds :
1-2 1-15 2-3 3-4 3-13 4-5 4-12 5-6 6-7 7-8 7-11 8-9 8-10 17-18 18-19 18-23 19-21 19-24 21-22
exact/norm bonds :
1-2 1-15 3-13 4-12 7-11 8-10 18-23 19-24 21-22
exact bonds :
2-3 3-4 4-5 5-6 6-7 7-8 8-9 17-18 18-19 19-21

G1:C,H

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 15:CLASS 17:CLASS 18:CLASS 19:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS
fragments assigned reactant/reagent role:
containing 1
containing 17

L6 STRUCTURE UPLOADED

=> que L6

L7 QUE L6

=> d
L7 HAS NO ANSWERS
L6 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.
L7 QUE L6

=> s l6
SAMPLE SEARCH INITIATED 18:01:47 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4590 TO ITERATE

21.8% PROCESSED 1000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 87738 TO 95862
PROJECTED ANSWERS: 1 TO 219

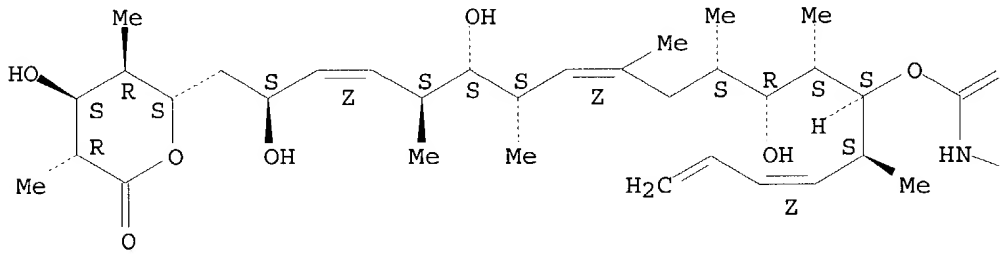
L8 1 SEA SSS SAM L6

=> d

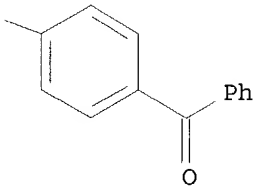
L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 497864-17-2 REGISTRY
CN Carbamic acid, (4-benzoylphenyl)-, (1S,2S,3R,4S,6Z,8S,9S,10S,11Z,13S)-3,9,13-trihydroxy-2,4,6,8,10-pentamethyl-1-[(1S,2Z)-1-methyl-2,4-pentadienyl]-14-[(2S,3R,4S,5R)-tetrahydro-4-hydroxy-3,5-dimethyl-6-oxo-2H-pyran-2-yl]-6,11-tetradecadienyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C46 H63 N O9
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Absolute stereochemistry.
Double bond geometry as shown.

PAGE 1-A



O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> file reaction
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     3.03     580.33

FILE 'CASREACT' ENTERED AT 18:02:18 ON 03 SEP 2004
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=> s l6
SAMPLE SEARCH INITIATED 18:02:31 FILE 'CASREACT'
SCREENING COMPLETE -   4200 REACTIONS TO VERIFY FROM    281 DOCUMENTS

100.0% DONE   4200 VERIFIED       2 HIT RXNS                    2 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED VERIFICATIONS:     80132 TO    87868
PROJECTED ANSWERS:               2 TO      124

SAMPLE SEARCH INITIATED 18:02:33 FILE 'CHEMINFORMRX'
SCREENING COMPLETE -    447 REACTIONS TO VERIFY FROM    115 DOCUMENTS

100.0% DONE    447 VERIFIED       0 HIT RXNS                    0 DOCS
SEARCH TIME: 00.00.05

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED VERIFICATIONS:      7677 TO    10203
```

09/926,240

PROJECTED ANSWERS: 0 TO 0

FULL SEARCH INITIATED 18:02:38 FILE 'DJSMONLINE'
SCREENING COMPLETE - 440 REACTIONS TO VERIFY FROM 399 DOCUMENTS

100.0% DONE 440 VERIFIED 2 HIT RXNS 2 DOCS
SEARCH TIME: 00.00.07

FULL SEARCH INITIATED 18:02:48 FILE 'PS'
SCREENING COMPLETE - 15 REACTIONS TO VERIFY FROM 7 DOCUMENTS

100.0% DONE 15 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

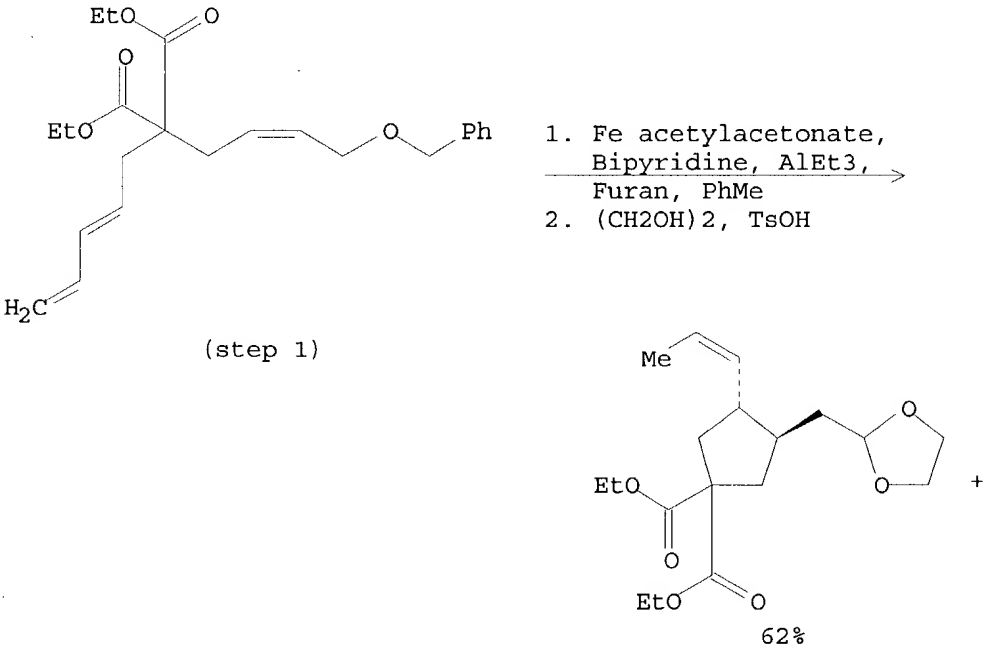
L9 4 L6

=> d scan

L9 4 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

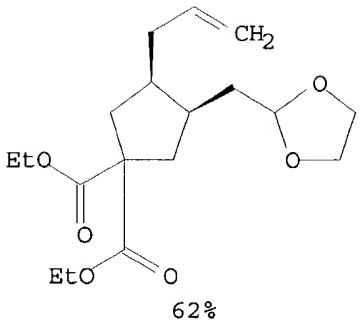
TI Catalytic iron-mediated triene carbocyclizations: stereoselective five-membered ring forming carbocyclizations

RX(8) OF 12



(step 1)

RX(8) OF 12



62%

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l6 full css
FULL SEARCH INITIATED 18:03:23 FILE 'CASREACT'
SCREENING COMPLETE - 83723 REACTIONS TO VERIFY FROM 5868 DOCUMENTS

100.0% DONE 83723 VERIFIED 1 HIT RXNS 1 DOCS
SEARCH TIME: 00.00.04

FULL SEARCH INITIATED 18:03:28 FILE 'CHEMINFORMRX'
SCREENING
SCREENING COMPLETE - 7568 REACTIONS TO VERIFY FROM 2199 DOCUMENTS

90.0% DONE 6808 VERIFIED 0 HIT RXNS 0 DOCS

100.0% DONE 7568 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.35

2 FILES SEARCHED...
FULL SEARCH INITIATED 18:04:04 FILE 'DJSMONLINE'
SCREENING COMPLETE - 440 REACTIONS TO VERIFY FROM 399 DOCUMENTS

100.0% DONE 440 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.08

FULL SEARCH INITIATED 18:04:12 FILE 'PS'
SCREENING COMPLETE - 15 REACTIONS TO VERIFY FROM 7 DOCUMENTS

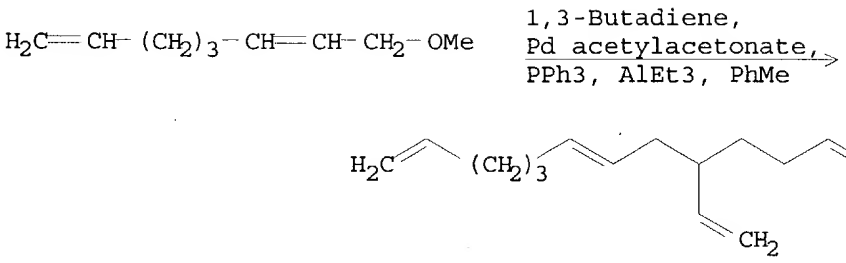
100.0% DONE 15 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

L10 1 L6

=> d

L10 ANSWER 1 OF 1 CASREACT COPYRIGHT 2004 ACS on STN

RX(5) OF 18



REF: Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya, (12), 2763-6; 1985

=> d all

L10 ANSWER 1 OF 1 CASREACT COPYRIGHT 2004 ACS on STN
AN 106:49564 CASREACT
TI Catalytic reaction of palladium π-allyl complexes with allyl O- and N-nucleophiles - a new prospective route to the synthesis of C16 amines and ethers
AU Fakhretdinov, R. N.; Telin, A. G.; Dzhemilev, U. M.
CS Inst. Khim., Ufa, USSR
SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1985), (12), 2763-6
CODEN: IASKA6; ISSN: 0002-3353
DT Journal
LA Russian
CC 23-4 (Aliphatic Compounds)
AB Treating N-(2,7-octadienyl)piperidine (I) and -morpholine with excess butadiene (II) at 100° in PhMe containing 1:3:3 M Pd[CH(COMe)2]2 (III)-Ph3P-Et3Al gave 43-60% N-(6-vinyl-2E,8E,13-tetradecatrienyl)piperidine (IV) and -morpholine, resp. Analogous reaction of I with added CF3CO2H gave 33% N-(5-methyl-5-vinyl-2E,7E,12-tridecatrienyl)piperidine, which was also formed from piperidine and 2,7-octadienyl acetate (V) using III-Ph3P-Et3Al. 1-Piperidino-2E- and 3-piperidino-1-butene reacted with excess II as above to give 78:12 I-IV, and analogous reaction of 2-piperidino-3E-pentene also gave trans-piperylene quant. Under similar conditions, 1-methoxy- and 1-butoxy-2,7-octadiene gave 12-16% 1-alkoxy-6-vinyl-2E,8E,13-tetradecatriene, and AcOCH2CH:CH2 and V gave 26% H(CH:CH)2CH2CH(CH:CH2)CH2CH:CH2 and 48% H[(CH:CH)2(CH2)3]2CH:CH2, resp. These reactions proceeded via σ,π*-allylic complex of Pd with I dimer.
ST palladium catalyst butadiene reaction octadienylamine; insertion butadiene dimer piperidinoalkene catalyst; nucleophile allylic insertion butadiene dimer
IT Nucleophiles
(allylic, insertion reaction of, with butadiene dimer, catalytic)
IT Insertion reaction
(of butadiene dimer with allylic nucleophiles, mechanism of catalytic)
IT Insertion reaction catalysts
(palladium complexes, for insertion reaction of butadiene dimer with allylic nucleophiles)
IT 603-35-0, Triphenylphosphine, uses and miscellaneous
RL: CAT (Catalyst use); USES (Uses)
(catalysts, with palladium bis(acetylacetonate) and triethylaluminum, for insertion reaction of excess butadiene with allylic oxygen and

nitrogen nucleophiles)

IT 97-93-8, Triethylaluminum, uses and miscellaneous
RL: CAT (Catalyst use); USES (Uses)
(catalysts, with palladium bis(acetylacetonate) and triphenylphosphine, for insertion reaction of excess butadiene with allylic oxygen and nitrogen nucleophiles)

IT 14024-61-4, Palladium bis(acetylacetonate)
RL: CAT (Catalyst use); USES (Uses)
(catalysts, with triphenylphosphine and triethylaluminum, for insertion reaction of excess butadiene with allylic oxygen and nitrogen nucleophiles)

IT 2004-70-8P, trans-Piperylene
RL: FORM (Formation, nonpreparative); PREP (Preparation)
(formation of, in reaction of piperidinopentene with excess butadiene)

IT 106306-35-8P 106306-36-9P 106306-37-0P 106306-38-1P 106306-39-2P 106306-40-5P 106306-41-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

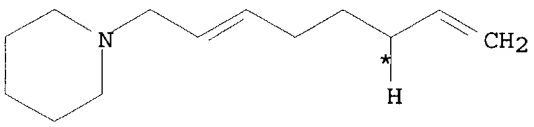
IT 106-99-0, Butadiene, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with allylic oxygen and nitrogen nucleophiles, catalysts for)

IT 591-87-7, Allyl acetate 14543-49-8, Methyl 2,7-octadienyl ether 25017-06-5, N-(2,7-Octadienyl)morpholine 27951-29-7, Butyl 2,7-octadienyl ether 36807-52-0 37857-34-4 67732-44-9 76927-76-9 93548-39-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with excess butadiene, catalysts for)

IT 110-89-4, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with octadienyl acetate, catalysts for)

IT 3491-27-8, 2,7-Octadienyl acetate
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with piperidine and with butadiene, catalysts for)

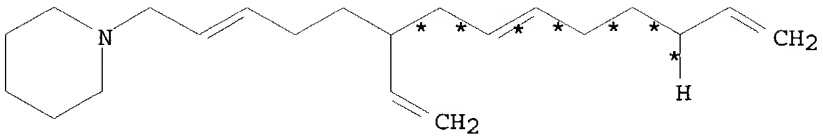
RX(1) OF 18 ...A + 2 B ===> C



A

B

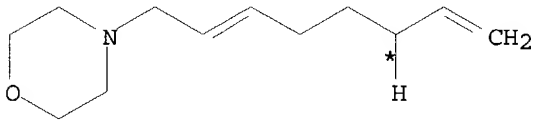
B (1) →



C

RX(1) RCT A 67732-44-9, B 106-99-0
PRO C 106306-35-8
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

RX(2) OF 18 H + 2 B ===> I

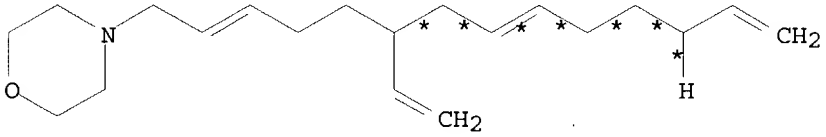


H

B

B

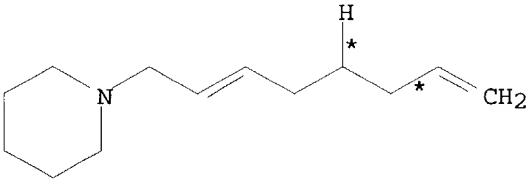
(2)



I

RX(2) RCT H 25017-06-5, B 106-99-0
PRO I 106306-36-9
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

RX(3) OF 18 ...A + 2 B ===> J

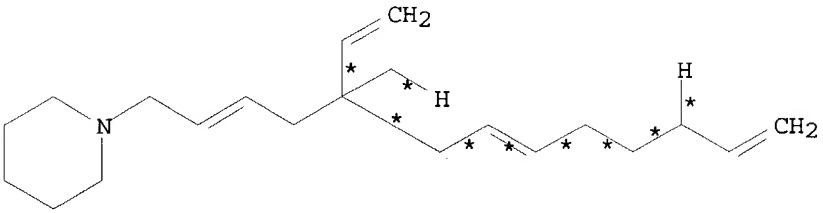


A

B

B

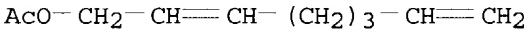
(3) →



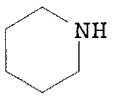
J

RX(3) RCT A 67732-44-9, B 106-99-0
PRO J 106306-37-0
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3, 76-05-1 F3CCO2H
SOL 108-88-3 PhMe

RX(4) OF 18 L + M ===> J

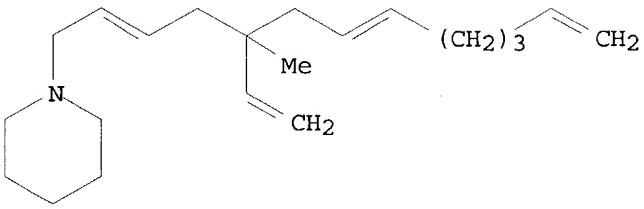


L



M

(4) →

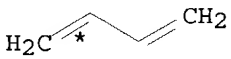


J

RX(4) RCT L 3491-27-8, M 110-89-4
PRO J 106306-37-0
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

RX(5) OF 18 2 B + N ===> O

B



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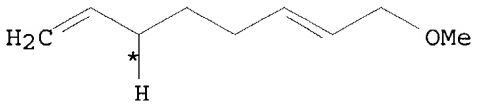
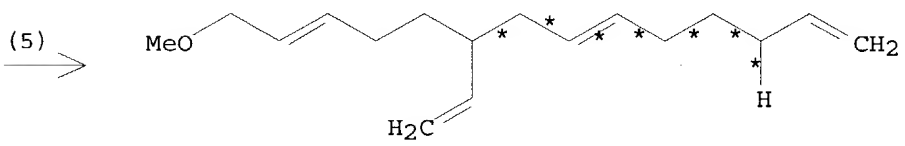


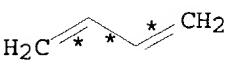
N



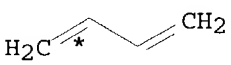
O

RX(5) RCT B 106-99-0, N 14543-49-8
PRO O 106306-38-1
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

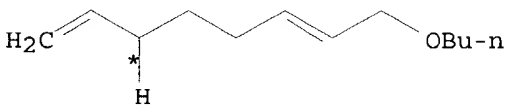
RX(6) OF 18 2 B + P ===> Q



B

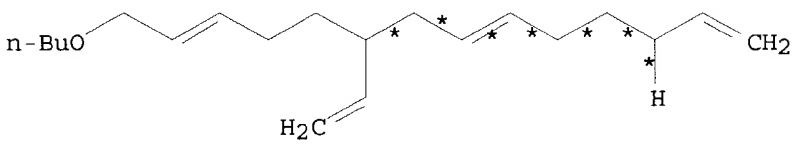


B



P

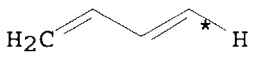
(6) →



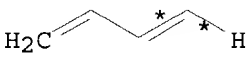
Q

RX(6) RCT B 106-99-0, P 27951-29-7
PRO Q 106306-39-2
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

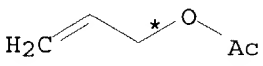
RX(7) OF 18 2 B + R ===> S



B

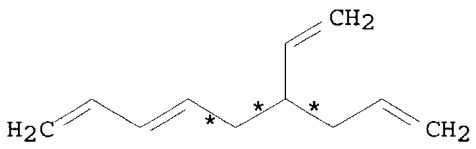


B



R

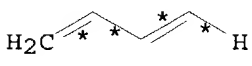
(7) →



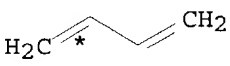
S

RX(7) RCT B 106-99-0, R 591-87-7
PRO S 106306-40-5
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

RX(8) OF 18 2 B + L ===> T



B



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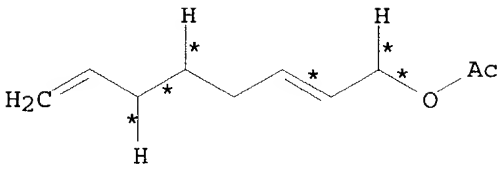
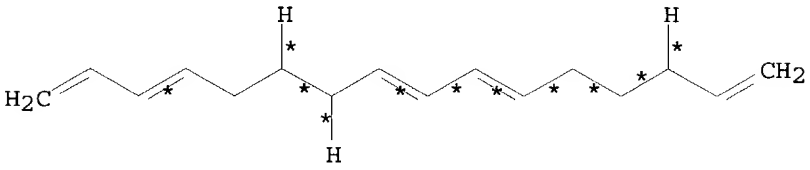


L

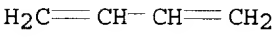
(8) →



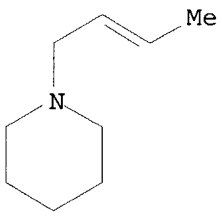
T

RX(8) RCT B 106-99-0, L 3491-27-8
PRO T 106306-41-6
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

RX(9) OF 18 2 B + 2 U ===> C + A...

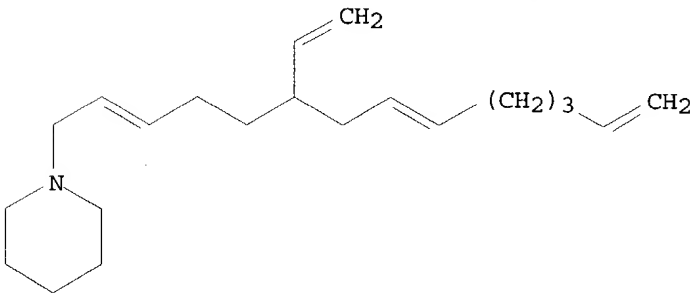


2 B

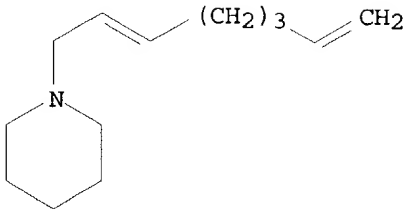


2 U

(9) →



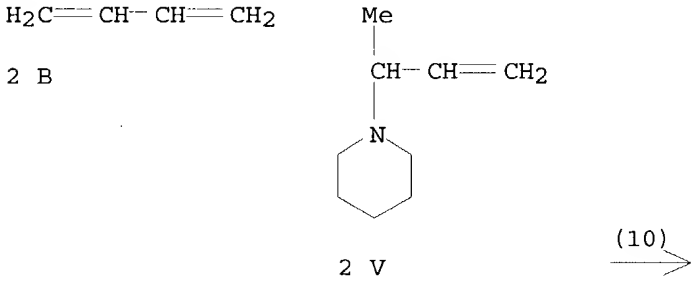
C



A

RX(9) RCT B 106-99-0, U 36807-52-0
PRO C 106306-35-8, A 67732-44-9
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

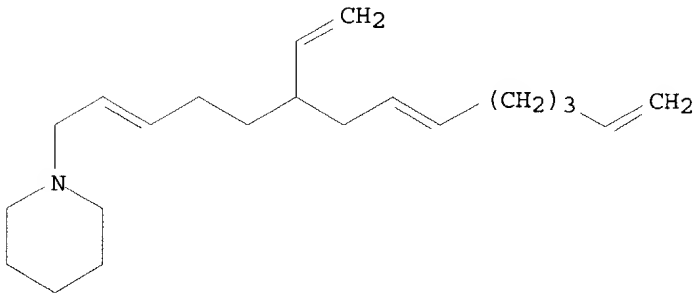
RX(10) OF 18 2 B + 2 V ===> C + A...



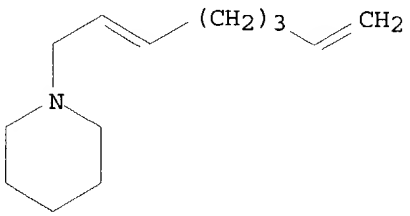
2 B

2 V

(10)



C



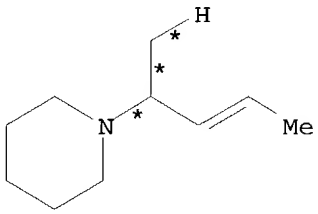
A

RX(10) RCT B 106-99-0, V 37857-34-4
PRO C 106306-35-8, A 67732-44-9
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

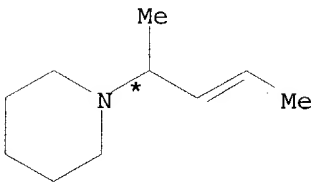
RX(11) OF 18 6 B + 2 W ===> C + A + X...

3 B

3 B

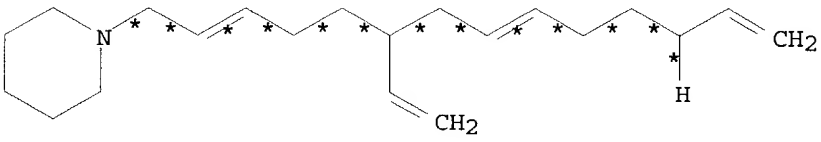


W

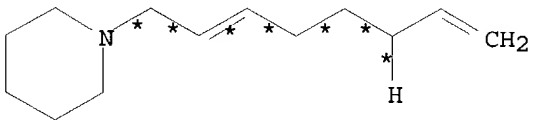


W

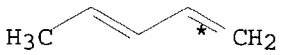
(11)



C



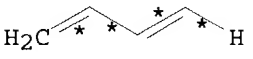
A



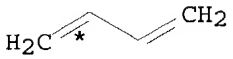
X

RX(11) RCT B 106-99-0, W 93548-39-1
PRO C 106306-35-8, A 67732-44-9, X 2004-70-8
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

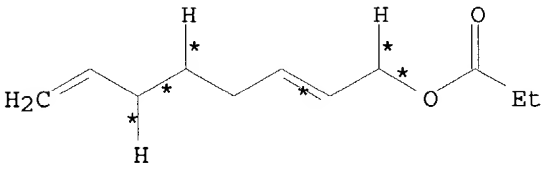
RX(12) OF 18 2 B + Y ===> T



B

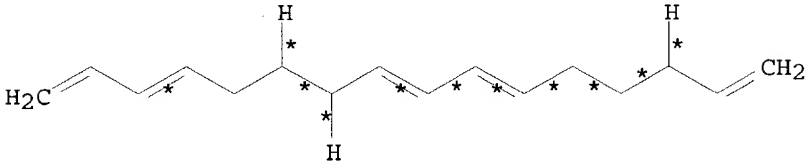


B



Y

(12)



T

RX(12) RCT B 106-99-0, Y 76927-76-9
PRO T 106306-41-6
CAT 14024-61-4 Pd acetylacetonate, 603-35-0 PPh3, 97-93-8 AlEt3
SOL 108-88-3 PhMe

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	336.91	917.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.66	-0.66

STN INTERNATIONAL LOGOFF AT 18:06:03 ON 03 SEP 2004